

In the Claims:

Please amend the claims as indicated hereafter.

1. (Currently Amended) An apparatus for generating files, the apparatus comprising:

a first logic configured to perform a technical writing tool algorithm, the technical writing tool algorithm for receiving input describing a particular selected format and content for a document, the technical writing tool algorithm for processing said input to generate a first markup language file of a first markup language based on an elements file and a plurality of style templates external to said elements file, said elements file defining elements included in said first markup language file and a structure for each of said elements, wherein said first markup language file is printable as a hardcopy document, said first markup language file including first markup language formatting information, said first logic configured to define styles of said elements in said first markup language file based on said plurality of style templates, each of said style templates defining a style for a respective one of said elements; and

a second logic configured to receive the first markup language file and to perform a conversion algorithm that converts the first markup language file into a second markup language file of a second markup language based on a plurality of mappings for mapping styles defined by said style templates to styles to be used in said second markup language file, said second logic further configured to define styles of elements in said second markup language file based on said styles mapped to said style templates by said mappings, at least one of a plurality of style templates that are external to said elements file, said at least one style template mapped to at least one of said elements and defining a style for said at least one element, wherein said second markup language file includes a second markup language formatting information describing a particular on-line format and content of said document.

2. (Original) The apparatus of claim 1, wherein said input describing said particular format includes style information that describes a style that document elements are to have if the first markup language file is printed.

3. (Original) The apparatus of claim 1, wherein said input describing said particular format includes style information that describes a style that document elements are to have if the second markup language file is placed on-line.

4. (Original) The apparatus of claim 1, wherein said first markup language is a Standard Generalized Markup Language (SGML).

5. (Original) The apparatus of claim 1, wherein said second markup language is a Hypertext Markup Language (HTML).

6-7. (Canceled)

8. (Original) The apparatus of claim 1, wherein said first markup language is a Standard Generalized Markup Language (SGML) and wherein said second markup language is a Hypertext Markup Language (HTML).

9. (Canceled)

10. (Currently Amended) A method for generating files, the method comprising:

processing input describing a particular desired format and content for a document;

generating a first markup language file of a first markup language based on said input, ~~input~~
~~and on an elements file, and a plurality of style templates external to said elements file~~, said
elements file defining elements included in said first markup language file and a structure for each
of said elements, wherein said first markup language file is printable as a hardcopy document, said
first markup language file including first markup language formatting information, said style
templates defining styles for said elements included in said first markup language file; and

converting the first markup language file into a second markup language file of a second
markup language based on a plurality of mappings for mapping styles defined by said style
templates with styles to be used in said second markup language file, ~~at least one of a plurality of~~
~~style templates that are separate from said elements, said at least one style template mapped to at~~
~~least one of said elements and defining a style for said at least one element~~, wherein said second
markup language file includes second markup language formatting information that describes a
particular on-line format and content of said document when it is placed on-line, and wherein said
converting comprises defining styles of elements in said second markup language file based on said
styles mapped to said style templates by said mappings.

11. (Original) The method of claim 10, wherein said input describing said particular format includes
style information that describes a style that document elements are to have if the first markup language
file is printed.

12. (Original) The method of claim 10, wherein said input describing said particular format includes style information that describes a style that document elements are to have if the second markup language file is placed on-line.

13. (Original) The method of claim 10, wherein said first markup language is a Standard Generalized Markup Language (SGML).

14. (Original) The method of claim 10, wherein said second markup language is a Hypertext Markup Language (HTML).

15-16. (Canceled)

17. (Previously Presented) The method of claim 10, wherein said first markup language is a Standard Generalized Markup Language (SGML) and wherein said second markup language is a Hypertext Markup Language (HTML).

18. (Canceled)

19. (Original) The method of claim 18, wherein said first markup language is a Standard Generalized Markup Language (SGML) and wherein said second markup language is a Hypertext Markup Language (HTML).

20. (Currently Amended) A computer program for generating files, the computer program embodied on a computer-readable medium, the computer program comprising:

a first algorithm, the first algorithm processing input describing a particular desired format and a content for a document to generate a first markup language file of a first markup language based on an elements file and a plurality of style templates external to said elements file, said elements file defining elements included in said first markup language file and a structure for each of said elements, wherein said first markup language file is printable as a hardcopy document, said first markup language file including first markup language formatting information, each of said style templates defining a style for a respective one of said elements; and

a second algorithm, the second algorithm converting the first markup language file into a second markup language file of a second markup language based on a plurality of mappings, each of said mappings for mapping a respective style defined by said style templates with a respective style for said second markup language file, the second algorithm defining styles of elements in said second markup language file based on styles for said second markup language file that are mapped to said style templates by said mappings, ~~at least one of a plurality of style templates that are external to said elements file, said at least one style template mapped to at least one of said elements and defining a style for said at least one element~~, wherein said second markup language file includes second markup language formatting information that describes a particular on-line format and content of said document when it is placed on-line.

21. (Currently Amended) An apparatus for generating files, comprising:

a first logic configured to generate a first markup language file of a first markup language based on an elements file and a plurality of style templates separate from said elements file, said elements file defining elements included in said first markup language file and a structure for each of said elements, ~~said logic configured to define a set of style templates separate from said elements file~~, each of said style templates mapped to a corresponding one of said elements and defining a style for said corresponding element, wherein said first markup language file has formatting information based on at least one of said style templates mapped to at least one of said elements included in said markup language file; and

a second logic configured to convert the first markup language file into a second markup language file of a second markup language based on a plurality of mappings, each of said mappings for mapping a respective style template to a respective style to be used in said second markup language file.

22. (Canceled)

23. (Currently Amended) A method for generating files, comprising:

storing an elements file defining markup language file elements and a structure for each of said elements;

maintaining a plurality of style templates separate from said elements, each of said style templates mapped to at least a respective one of said elements and defining a style for said one element;

generating a first markup language file of a first markup language based on said elements file and at least one of said style templates that is mapped to at least one of said elements included in said markup language file, said markup language file having formatting information based on said at least one style template;

converting said first markup language file into a second markup language file of a second markup language based on said elements file and a plurality of mappings for mapping styles defined by said style templates to styles to be used in said second markup language file, wherein one of said mappings maps said at least one style template to a style to be used in said second markup language file for said at least one element; and

displaying an image of a document defined by said second markup language file.

24. (Canceled)